

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): An image sensor device which optically reads out a document comprising:
an image sensor portion having a plurality of light receiving elements facing a document to be read out; and
a thin film light source arranged on the document side of said image sensor portion, said thin film light source emitting light to said document,
wherein said thin film light source includes a plurality of light emission portions, each of said light emission portions emitting light to said document, and corresponding to each of said light receiving elements, said light emission portions including a light blocking layer on said light receiving elements side, and said light emission portions being arranged between said light receiving elements and said document, ~~a part of~~ at least one of said light emission portions where said light originates being substantially aligned with a corresponding light receiving element.

2. (previously presented): The image sensor device according to claim 1, wherein each of the light emission portions of said thin film light source comprises a transparent electrode, an opaque electrode and an organic thin film held between the transparent and opaque electrodes and said opaque electrode is formed of a material which functions as a light blocking layer for a region other than said light receiving element of said image sensor section.

3. (previously presented): The image sensor device according to claim 1, further comprising light blocking means provided at a region other than said plurality of light receiving elements of said image sensor portion.

4. (previously presented): The image sensor device according to claim 1, wherein said image sensor portion includes image sensors formed on a crystalline silicon wafer or image sensors formed on a transparent substrate by thin film semiconductor processes.

5. (original): The image sensor device according to claim 1, wherein said thin film light source emits light of a plurality of different colors.

6. (original): The image sensor device according to claim 1, wherein an optical fiber collection member is provided between said thin film light source and said document.

7-42 (canceled).

43. (currently amended): An image sensor device which optically reads out a document comprising:

an image sensor portion having a plurality of light receiving elements; and

a thin film light source arranged on a document side of said image sensor portion, said thin film light source emitting light to said document,

wherein light emission portions of said thin film light source emit light to said document, and are arranged in one-to-one correspondence to each of said light receiving elements,

said light emission portions include a light blocking layer on a side facing said light receiving elements and are arranged between said light receiving elements and said document, and

~~a part of~~ at least one of said light emission portions where said light originates is substantially aligned with a corresponding light receiving element.

44. (previously presented): The image sensor device according to claim 1, wherein each of said light emission portions is substantially centered with respect to said corresponding light receiving element.

45. (previously presented): The image sensor device according to claim 1, wherein each of said light emission portions has an area smaller than an area of a corresponding light receiving element of said plurality of light receiving elements.

46. (previously presented): The image sensor device according to claim 1, wherein substantially all surface area of said at least one of said light emission portions is between said corresponding light receiving element and said document.

47. (previously presented): The image sensor device according to claim 2, wherein said organic thin film comprises a plurality of individual and separate organic thin film areas, each of said organic thin film areas held between the transparent and opaque electrodes.

48. (previously presented): The image sensor device according to claim 43, wherein said at least one of said light emission portions is substantially centered with respect to said corresponding light receiving element.

49. (previously presented): The image sensor device according to claim 43, wherein substantially all surface area of said at least one of said light emission portions is between said corresponding light receiving element and said document.

50. (previously presented): The image sensor device according to claim 43, wherein each of said light emission portions is substantially centered with respect to a corresponding light receiving element of said plurality of light receiving elements.

51. (previously presented): The image sensor device according to claim 43, wherein each of the light emission portions comprises a transparent electrode, an opaque electrode and an

organic thin film, said organic thin film further comprising a plurality of individual and separate organic thin film areas each of said organic thin film areas held between the transparent and opaque electrodes, and said opaque electrode is formed of a material which functions as a light blocking layer for a region other than said light receiving element of said image sensor section.

52. (currently amended): An image sensor device which optically reads out a document comprising:

an image sensor portion having a plurality of light receiving elements; and
a thin film light source arranged on a document side of said image sensor portion, said thin film light source emitting light to said document,

wherein light emission portions of said thin film light source are arranged in one-to-one correspondence to each of said light receiving elements.

said light emission portions emit light to said document, include a light blocking layer on a side facing said light receiving elements, and are arranged between said light receiving elements and said document, and

~~a part of~~ at least one of said light emission portions where said light originates and a light receiving element corresponding to said at least one of said light emission portions substantially overlap.